

**ABSTRACT OF THE DISCLOSURE**

A heat sink includes a heat dissipating body having a visible outer surface, and a thermo-chromic dye coated on the visible outer surface of the heat dissipating body. The thermo-chromic dye is capable of changing color in response to temperature change of the heat dissipating body. In addition, a power supply includes a housing having a visible outer surface, and a thermo-chromic dye coated on the visible outer surface of the housing. The thermo-chromic dye is capable of changing color in response to temperature change of the housing.